

To: "Mike Catalano" [mike@geonics.com]
Cc: []
Bcc: []
From: CN=JohnT Wilson/OU=ADA/O=USEPA/C=US
Sent: Wed 5/30/2012 3:26:04 PM
Subject: rent EM39S for susceptibility
[Methods for reactive minerals.pdf](#)
www.geonics.com
[JohnT Wilson](#)
[Mike Catalano](#)
mike@geonics.com
Wilson/ADA/USEPA/US@EPA
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(embedded image)

Hi Mike:

I need to rent a unit for use at two sites in New Yorkstate. Would it be better to rent from you or from some USA company. If from you, what are terms and conditions? I intend to evaluate the instrument to determine the concentration of magnetite in a contaminated aquifer to predict the rate of natural attenuation of chlorinated organic contaminants in ground water. If this works, this would be a new market for you. Would you be interested in providing two days of field support at Plattsburgh New York? If so, what would fees be for travel and labor? See magnetite in the attached for my application. By the way, your instrument uses the SI system, as is used in my report. No conversion will be necessary.

John

From: "Mike Catalano" <mike@geonics.com>
To: JohnT Wilson/ADA/USEPA/US@EPA
Date: 05/29/2012 12:30 PM
Subject: Re: EM39S for susceptibility

you're welcome.

Mike Catalano, B.Sc.(Geophysics)
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----- Original Message -----

From: JohnT Wilson
To: Mike Catalano
Sent: Tuesday, May 29, 2012 11:39 AM
Subject: Re: EM39S for susceptibility

Good paper. It answered my questions and more.

"Mike Catalano" ---05/29/2012 10:35:16 AM---Hi John - Sorry for not responding sooner but I was sick last week and I was not able to get to all

From: "Mike Catalano" <mike@geonics.com>
To: JohnT Wilson/ADA/USEPA/US@EPA
Date: 05/29/2012 10:35 AM
Subject: EM39S for susceptibility

Hi John - Sorry for not responding sooner but I was sick last week and I was not able to get to all the emails. I reviewed your questions and I think the best thing to do is to forward the attached paper. It does the best job of explaining how the system works. The EM39S can be rented at \$1,200/wk for electronics and console plus \$350/wk for a 150m hand winch. In short, our system uses the electromagnetic induction principles to measure soil susceptibility in ppt by measuring the ratio of primary to secondary EM field. It's a depth weighted average of a volume of soil. The details are in the paper. Let me know if you have further questions.

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www.geonics.com[attachment "39S borehole susceptibility probe (McNeill_96).pdf" deleted by JohnT Wilson/ADA/USEPA/US]